

DaimlerChrysler AG

Patent Claims

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1. A safety device (1) for a motor vehicle with a tilting roof (3) integrated into a roof area (2) and a servo drive (4) for opening and closing the tilting roof (3),

wherein
a control unit (5) is provided that evaluates the data relevant to driving safety (6) and controls the servo drive (4) in a timed manner, in such a way that a closing operation is initiated for the open tilting roof (3) prior to an imminent accident.

2. The safety device (1) as claimed in claim 1, wherein
the tilting roof (3) is closed prior to an imminent accident.

3. The safety device (1) as claimed in claim 1, wherein
the tilting roof (3) also has a sliding function for opening and closing parallel to the roof plane.

4. The safety device (1) as claimed in claim 1, wherein
the servo drive (4) has a quick-closing function that is initiated when the servo drive (4) is activated by the control unit (5).

5. The safety device (1) as claimed in claim 1, wherein
the data relevant to driving safety (6) is driving conditions variables.

6. The safety device (11) as claimed in claim 1,
wherein
the data relevant to driving safety (6) is
environmental data.

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7. The safety device (1) as claimed in claim 1,
wherein
the data relevant to driving safety is evaluated driver
actions.

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8. The safety device (1) as claimed in claim 1,
wherein
if the accident does not occur the tilting roof (3) is
re-opened.